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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/783,038	02/23/2004	Kil-soo Jung	1101.0111	3802
869860 7590 07/27/2010 North Star Intellectual Property Law, PC P.O. Box 34688 Washington, DC 20043				
EXAMINER ADEGEYE, OLUWASEUN				
ART UNIT 2621		PAPER NUMBER		
MAIL DATE 07/27/2010		DELIVERY MODE PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/783,038

**Applicant(s)**

JUNG ET AL.

**Examiner**

OLUWASEUN A. ADEGEYE

**Art Unit**

2621

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03/29/2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1 - 34 is/are pending in the application.
- 4a) Of the above claim(s) 7 - 31 and 33 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 - 6, 32 and 34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02/23/2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB-06)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Paper No(s)/Mail Date \_\_\_\_\_

**DETAILED ACTION**

***Response to Arguments***

1. Applicant's arguments with respect to claims 1 and 32 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1 – 6, 32 and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nonomura (US 2003/0108338 A1) in view of Baldwin et al (US 6,975,363 B1) and Kumar et al (US 6,230,162 B1).

As to **claim 1**, Nonomura discloses a reproducing apparatus for reproducing data from an optical disc to provide a browsable slide show (see [154] and [155]), the reproducing apparatus comprising:

a pickup configured to read mainstream packet data and sub-audio packet data corresponding to the mainstream packet data from the optical disc (100) (see [225], [233])

a mainstream decoder (fig. 23, 88) configured to decode the mainstream packet data (see [95] and [251]);

a sub-audio decoder (fig. 23,103, 104) configured to decode the sub-audio packet data (see [255], [256]);

a mainstream system time clock counter configured to provide a system time clock sequence which is used for decoding of the mainstream packet data by the mainstream decoder (see [224]); and

a sub-audio system time clock counter configured to provide a system time clock sequence which is used for decoding of the sub-audio packet data by the sub-audio decoder (see [225] and [226]).

wherein the sub-audio packet data is reproduced together with the mainstream packet data (see [225]).

However Nonomura does not disclose two different STC counters.

Baldwin discloses two independent and separate clocks (see fig. 3 and column 6, lines 27 – 36 and column 3, lines 4 - 7).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have used two independent and separate clocks taught by Baldwin to the apparatus of Nonomura to provide a system for allowing more flexible control of the video and audio presentation speeds (see column 2, lines 47 – 49).

Nomura in view of Baldwin does not disclose that the sub-audio time clock counter continuously increases even if a user inputs a reverse play or forward play command.

Kumar discloses that the sub-audio time clock counter continuously increases even if a user inputs a reverse play or forward play command (see column 6, lines 58 – 62).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have added the function of independently controlling the audio even if a user displays the video in a forward or reverse direction as taught by Kumar to the apparatus of Nonomura in view of Baldwin to provide an improved method and apparatus for providing data for rich media experiences (see column 1, lines 35 – 37).

As to **claim 2**, Nonomura in view of Baldwin and Kumar discloses the reproducing apparatus of claim 1. Nonomura discloses wherein the mainstream packet data comprises image data configured to be reproduced in a browsable slide show (see [94], [95], [154] and [155]).

As to **claim 3**, Nonomura in view of Baldwin and Kumar discloses the reproducing apparatus of claim 2. Nonomura discloses wherein the sub-audio packet data comprises audio data attached to the image data (see [225]).

As to **claim 4**, Nonomura in view of Baldwin and Kumar discloses the reproducing apparatus of claim 3. Nonomura discloses further comprising:

a mainstream buffer (94, 96) configured to store the image data (see [253] and [254]); and

a sub-audio buffer (99) configured to store the audio data (see [256]).

wherein the apparatus can seamlessly reproduce the audio data when a forward or reverse play (see [242]) is selected during the browsable slide show (see [154] and [155]).

As to **claim 5**, Nonomura in view of Baldwin and Kumar discloses the reproducing apparatus of claim 2. Nonomura discloses wherein the mainstream system time clock counter is further configured to provide a system time clock sequence to the mainstream decoder for each image included in the mainstream packet data (see [224]).

As to **claim 6**, Nonomura in view of Baldwin and Kumar discloses the decoding apparatus of claim 1. Nonomura discloses wherein an output of the mainstream system time clock counter is initialized (reset) based on a predetermined reference value specified in the mainstream packet data (see [224]).

As to **claim 32**, grounds for rejecting claim 1 apply to claim 34 in its entirety.

As to **claim 34**, grounds for rejecting claim 1 apply to claim 34 in its entirety.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OLUWASEUN A. ADEGEYE whose telephone number is (571)270-1711. The examiner can normally be reached on Monday - Friday 7:30 - 5:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on 571-272-7905. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Marsha D. Banks-Harold/  
Supervisory Patent Examiner, Art Unit 2621

07/21/2010

/O.A/